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PTO/SB/05 (12/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY	Attorney Docket No.	SPITEC P01AUS
PATENT APPLICATION	First Named Inventor or Appln Identified: William A. MITCHELL	
TRANSMITTAL	Title: SOLID ROTOR SHAFT CONSTRUCTION FOR ALTERNATING CURRENT INDUCTION MOTOR	
(Only for new nonprovisional applications under CFR 1.53(b))	Express Mail Label No.	EL918841456US

jc960 11/26/01
99414 PTO

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(submit an original, and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Application Data Sheet (see 37 CFR). 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Applicant claims small entity status <i>(see 37 CFR 1.27.)</i>	8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification <i>(Total Pages) [15]</i> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none">• Descriptive title of the invention• Cross References to Related Applications• Statement Regarding Fed sponsored R & D• Reference to Microfiche Appendix• Background of the Invention• Brief Summary of the Invention	a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawings (35 USC 113) <i>(Total Pages) [5]</i> 4a. <input checked="" type="checkbox"/> Submission of Formal Drawings <i>(Total Pages) [1]</i>	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
5. <input checked="" type="checkbox"/> Oath or Declaration <i>(Total Pages) [3]</i> <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application <i>(37 CFR 1.63(d))</i> <i>(for continuation/divisional with Box 17 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 9 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input checked="" type="checkbox"/> Other: Express Mail Certificate

ACCOMPANYING APPLICATION PARTS

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
- 11. English Translation Document *(if applicable)*
- 12. Information Disclosure Copies of IDS
Statement (IDS)/PTO-1449 9 Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Other: Express Mail Certificate

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No.: /
Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number: 020210
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500 North Commercial Street - 4th floor
Manchester, NH 03101-1151
United States of America



020210

PATENT & TRADEMARK OFFICE
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Telefax: 603/624-9229
E-Mail: patent@tiac.net

Name: Scott A. Daniels

Registration No.: 42,462

Signature:

Date: November 26, 2001

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FEE TRANSMITTAL

for FY 2000-01

Patent fees are subject to annual revision
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT: \$370

Application No.
Filing Date
First Named Inventor
Group Art Unit
Examiner Name
Attorney Docket No.

William A. MITCHELL

SPITEC P01AUS

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 04-0213

Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provision filing fee	
SUBTOTAL (1)					\$370

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge-late filing fee/oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for re-examination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Ext.for reply w/in 1 mon	
116	400	216	200	Ext.for reply w/in 2 mon	
117	920	217	460	Ext.for reply w/in 3 mon	
118	1,440	218	720	Ext.for reply w/in 4 mon	
128	1,960	228	980	Ext.for reply w/in 5 mon	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a Brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (for reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petition related to provisional applns.	
126	180	126	180	Submission of Info.Disclo.Stmt.	
581	40	581	40	Recording ea. patent assignment per property (times No.of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For ea.additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) *Reduced by Basic Filing Fee Paid					SUBTOTAL (3) \$0

PATENT & TRADEMARK OFFICE

SUBMITTED BY

Typed or
Printed Name

Scott A. Daniels



020210

Completed (if applicable)

Registration
Number

42,462

Signature

Date: November 26, 2001

Deposit Account
User ID

04-0213

11/26/01

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : William A. MITCHELL
Serial no. :
For : SOLID ROTOR SHAFT CONSTRUCTION FOR
Docket : ALTERNATING CURRENT INDUCTION MOTOR
SPITEC P01AUS

The Commissioner of Patents and Trademarks
P. O. Box 2327
Arlington, VA 22202

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: **EL918841456US**

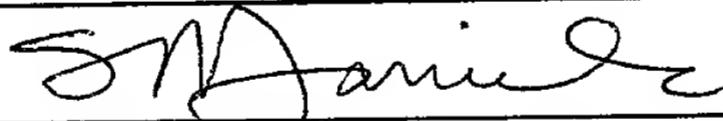
Date of Deposit: 11/26/01

I hereby state that the following attached paper or fee:

Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Check for \$370;
Specification/Claims/Abstract-15 pgs.;
Submission of Formal Drawings-1 pg.; Drawings (Figs. 1-5)-5 pgs.;
Declaration & Power of Atty-3 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1 pg.; 9 Citations;
Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Scott A. Daniels



Signature of person mailing paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

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020210

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : William A. MITCHELL
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SPITEC P01AUS

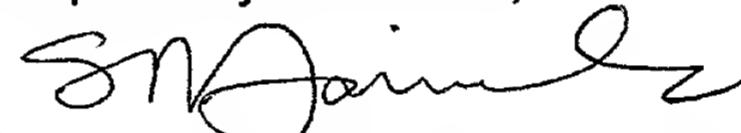
The Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Further to the filing of this application, enclosed please find five (5) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

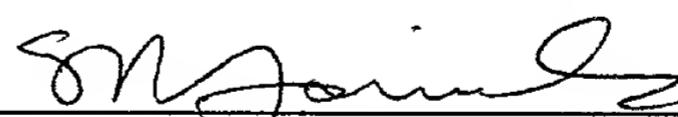
Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on November 26, 2001.

By: 

Print Name: Scott A. Daniels